

Title (en)

OPTICAL DATA CARRIER CONTAINING A CYCLIZABLE COMPOUND IN THE INFORMATION LAYER

Title (de)

OPTISCHER DATENTRÄGER ENTHALTEND IN DER INFORMATIONSSCHICHT EINE CYCLISIERBARE VERBINDUNG

Title (fr)

SUPPORT DE DONNEES OPTIQUE CONTENANT UN COMPOSE CYCLISABLE DANS LA COUCHE D'INFORMATION

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Application

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Abstract (en)

[origin: WO02080163A1] The invention relates to an optical data carrier containing a preferably transparent substrate that is optionally already coated with a protective layer already. An information layer that can be written using light, an optional protective layer, an optional adhesive layer and, finally, a covering layer are applied to the surface of the substrate. The optical data carrier can be written and read using blue light, preferably laser light, whereby the information layer contains a light-absorbing compound. The data carrier is characterized in that at least one colorant, which is thermally cyclized, is used as the light-absorbing compound.

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IPC 8 full level

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